

| Adirondack Community College Electrical Engineering Technology | | | | | SUNY Polytechnic Institute Electrical Engineering Technology | | | | |
|---|--|-------------|--|--|---|---------------------------------------|-------------|--|------------------|
| Course # | Course Title | SUNY Gen Ed | | Credits Granted | Course # | Equivalent Course Title | Common Core | | Credits Accepted |
| HRD 100 | Freshmen Experience | | | 1 | FYS 100 | | | | 1 |
| MAT 121 | Precalculus: Algebra | | | 4 | MAT 120 | Pre-calculus | | | 4 |
| TEC 101 | Introduction to Engineering & Technology | | | 3 | ETC 101 | Fund of Eng. Tech | | | 3 |
| TEC 103 | Electrical Technology Fundamentals | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| TEC 119 | Electricity I | | | 3 | ETC 102 | Electric Circuits | | | 3 |
| | Health and Wellness | | | 1 | REC 000 | Recreation Elective | | | 1 |
| ENG 101 | Introduction to College Writing | | | 3 | ENG 101 | Freshmen Composition | | | 3 |
| MAT 125 | Precalculus: Trigonometry | | | 4 | MAT 001 | Math Gen Ed | | | 4 |
| TEC 120 | Electricity II | | | 4 | ETC 102 | Electric Circuits | | | 4 |
| TEC 130 | Introduction to RFID | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| | Elective | | | 3 | | | | | 3 |
| ENG 108 | Writing in and about Literature | | | 3 | ENG 110 | Introduction to Literature | | | 3 |
| CIS 143 | Introduction to Programming | | | 3 | CS 108 | Computer Fund | | | 3 |
| PHY 107 | Applied Physics | | | 4 | PHY 101 | Physics I | | | 4 |
| TEC 223 | Motors and Controls | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| TEC 250 | Automation and Controls I | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| | Social Science Elective | | | 3 | SOS 001 | Social Science Elective | | | 3 |
| MAT 131 | Calculus I | | | 4 | MAT 121 | Calculus I for Engineering Technology | | | 4 |
| TEC 178 | Technology Internship | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| TEC 241 | Industrial Electronics | | | 3 | ETC 103 | Electronics I | | | 3 |
| TEC 251 | Automation and Controls II | | | 3 | ETC 000 | Electrical Tech Elective | | | 3 |
| | Health and Wellness | | | 1 | REC 000 | Recreation Elective | | | 1 |
| | | | | | PHY 102 | Physics 2 | | | 4 |
| | | | | | ETC 210 | Digital Systems | | | 4 |
| | | | | | ETC 203 | Electronics II | | | 4 |
| | | | | | ETC 216 | Elec Comm I or Equiv | | | 4 |
| | | | | | MAT 230 | Diff Equ or Equiv | | | 4 |
| | | | | | COM 300 | Oral Communications | | | 4 |
| | | | | | ETC 316/331 | Comm/Control | | | 4 |
| | | | | | | General Ed | | | 4 |
| | | | | | COM 306 | Upper Division Writing | | | 4 |
| | | | | | ETC 265/342 | Sensors/Microprocessors | | | 4 |
| | | | | | ETC 290 | Nanotechnology or equiv | | | 4 |
| | | | | | | General Ed | | | 4 |
| | | | | | ETC 299 | QC WP Issues | | | 2 |
| | | | | | ETC 3xx | Or higher elective | | | 4 |
| | | | | | ETC 4xx | Senior Level Elective | | | 4 |
| | | | | | | General Education | | | 4 |
| | | | | | | Open Elective | | | 4 |
| | | | | Total Credits Eligible for Transfer | 65 | | | | |
| | | | | Total Transfer Credits Applied to Program | | | | | 58 |
| | | | | Total Credits Required after Transfer | | | | | 70 |
| | | | | Total Credits Required for Degree | | | | | 128 |

